

Experiment Number: A84757

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Quercetin dihydrate

CAS Number: 6151-25-3

Date Report Requested: 09/21/2018

Time Report Requested: 07:29:51

NTP Study Number:

A84757

Study Duration:

72 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	1.10 ± 0.40		59.70 ± 4.48
100.0	5	1.60 ± 0.56	0.1678	67.10 ± 2.83
200.0	5	1.50 ± 0.00	0.2162	62.30 ± 3.51
300.0	4	1.50 ± 0.29	0.2277	62.63 ± 6.38
Trend p-Value		0.2560		
Positive Control ²	5	6.60 ± 1.95	< 0.001 *	54.20 ± 2.64

Trial Summary: Negative

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at $p = 0.025/\text{number of treatment groups}$; positive control value is significant at $p = 0.05$

Cochran-Armitage trend test, significant at $p = 0.025$

* Statistically significant pairwise or trend test

1: Vehicle Control: Corn Oil

2: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****